

[PIXEL STRUCTURE AND FABRICATING METHOD THEREOF]

Abstract

A pixel structure and a fabrication method thereof. The pixel structure is formed over a transparent substrate. The pixel structure includes a scan line, a gate insulation layer, a data line, a shelling layer, a thin film transistor, a passivation layer, a contact and a pixel electrode. The shelling layer is formed on each side of the data line above the transparent substrate. The shelling layers on each side of the data line are electrically connected to prevent an unbalance parasitic capacitance between the data line and the neighboring shelling layers that may lead to shot mura.